

TITLE OF INVENTION

Robert Bruce Belford
United States Citizen
7232 Mount Juliet Drive
Davison Michigan 48423
title-Bedford Quilting Rack

CROSS - REFERENCE TO RELATED APPLICATIONS

" Not Applicable "

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

" Not Applicable "

REFERENCE TO SEQUENCE LISTING, A TABLE, OR COMPUTER PROGRAM LISTING COMPACT DISC APPENDIX

" Not Applicable "

BACKGROUND OF THE INVENTION

This invention is a device that holds cloth material in a frame in a taunt position for the quilting process or needle point.

Prior quilting frames are difficult and time consuming to set up.

We can use some improvement in this area, And I believe my invention will solve those problems.

BRIEF SUMMARY OF THE INVENTION

The reason for invention was, to simplify the way to hold a quilt in a square quilting rack, it also holds the quilt better, and it is quicker and easier to load the quilt in quilting rack.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

Fig. No. (1) Assembly view of quilting rack and stand.

Fig. No. (2) Top assembly view of quilting rack and clamp frame.

Fig. No. (3) A blown up view of section A-A, to show mechanics of quilt frame, from Fig. No. (2).

Fig. No. (4) A blown up view of section B-B to show mechanics of quilt frame, from Fig. No. (2).

Fig. No. (5) Detail drawing of (1) section of (4) to make quilting rack clamp.

Fig. No. (6) Detail drawing of clamp bar.

Fig. No. (7) Detail drawing of (1) section of (4) to make quilting rack frame.

Fig. No. (8) Detail drawing of quilting rack frame support.

Fig. No. (9) Detail drawing of frame support arm.

Fig. No.(10) Detail drawing of frame support arm base.

Fig. No.(11) Detail drawing of frame post swivel retainer.

Fig.No.(12) Detail drawing of frame post swivel

Fig .No.(13) Detail drawing of frame post.

Fig. NO.(14) Detail drawing of frame base.

Fig. No.(15) Detail drawing of frame legs.

Fig. No.(16) Detail drawing of clamp frame stops.

DETAILED DESCRIPTION OF THE INVENTION

(0001) The quilting rack is a device used to hold fabric, such as a quilt taut during hand quilting process.

(0002) The quilting rack is made of wood in a home wood shop, and has some metal hardware, like bolts, nuts, wood screws and springs.

(0003) The unique feature of this quilting rack is, the way it holds the fabric or quilt. It is different from other quilting racks that hold fabric with a band clamping around a frame. The new idea is, the spring loaded clamp bars that will hold the quilt in place. In the drawings on sheet number (2) there is a view of a quilting rack frame and a quilting rack clamp frame. First lay the quilt over the frame, and place the clamp frame on top of the quilt, and push down over the quilt, the spring loaded bars will retract keeping pressure on the quilt, holding it in place. It holds the quilt better, and it is easier to load the quilt in the quilting rack.

(0004) The stand that holds the quilting frame is shown on sheet (1) of the drawings. The stand adjust for height, tilt and swivel 360 degrees. plus legs will swing in for storage.